

Title (en)
MATERIAL FOR GLAND PACKING AND THE GLAND PACKING

Title (de)
MATERIAL FÜR STOPFBUCHSE UND STOPFBUCHSE

Title (fr)
MAT RIAU POUR GARNITURE D' TANCH IT ET GARNITURE D' TANCH IT

Publication
EP 1541910 A4 20060308 (EN)

Application
EP 03795334 A 20030909

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- JP 2002265986 A 20020911
- JP 2002265987 A 20020911

Abstract (en)

[origin: EP1541910A1] A strip-like expanded graphite (3) is disposed on one face of a sheet-like reinforcing member (20) configured by a fibrous material (2) to form a strip-like base member (4). The base member (4) is stranded to be formed as a cord-like member (40). The outside of the cord-like member (40) is covered by a portion of the strip-like expanded graphite (3), and the whole reinforcing member (20) and the remaining portion of the strip-like expanded graphite (3) are involved in the cord-like member (40). A large number of openings (20A) are formed in the reinforcing member (20). The strip-like expanded graphite (3) faces the openings (20A). The strip-like expanded graphite (3) is engaged with the openings (20A), whereby the coupling force between the strip-like expanded graphite (3) and the reinforcing member (20) is enhanced. <??>The gland packing material (1) is provided by the fibrous material with high tensile strength, and easily subjected to a braiding or twisting process. Furthermore, the gland packing material (1) has a high shape-retaining property, and exerts a high sealing property that is originally possessed by an internal reinforcement structure. Moreover, the used amount of an adhesive agent can be reduced, and reduction of the sealing property due to hardening or burning of the adhesive agent can be avoided. <IMAGE>

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Citation (search report)

- [X] EP 1179698 A1 20020213 - NIPPON PILLAR PACKING [JP]
- [X] EP 1193428 A1 20020403 - NIPPON PILLAR PACKING [JP]
- [X] US 2002069635 A1 20020613 - TSUKAMOTO KATSURO [JP]
- See references of WO 2004025150A1

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